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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/695,917	10/26/2000	Mamoru Miyashita	905-0248P	2868

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EXAMINER

NGUYEN, CHANH DUY

ART UNIT	PAPER NUMBER
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2675

DATE MAILED: 07/30/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/695,917

Applicant(s)

MIYASHITA, MAMORU

Examiner

Chanh Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ueda et al (U.S. Patent No. 5,748,237) in view of Hattori et al (U.S. Patent No. 5,739,859)

As to claim 1, Ueda discloses a liquid crystal display device having a case (1) internally accommodating a liquid crystal display panel (2) which display an image represented by an applied image signal, , the case (1) being performed to include a freely openable and closable light admission window (6) for admitting outside light (see column 2, lines 65-67), and a light guide path (9) being formed for introducing the

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outside light, which has been admitted by opening the light admission window (6) to the back side of the liquid crystal display panel (2); see figure 1.

Ueda teaches a liquid crystal display device including a backlight device (5) for projecting backlight toward the back side of the liquid crystal display panel (2), a setting unit (8) for setting to admit outside light from the light admission window or to project backlight from the backlighting device (5) (see column 3, lines 25-32), a signal correction circuit and a backlight control circuit (24-27) for subjecting the applied image signal to a correction for outdoor display in response to a setting by the setting unit (8) for admission of the outside light and for turning on the backlight device in response to a setting by setting unit for projection of the backlight, respectively (see column 4, line 25 through column 5, line 21). The only thing different from the reference of Ueda and the claim 1 is that the Ueda teaches the liquid crystal display screen (2) disposed inside the case (1) whereas claim 1 recites a display screen exposed externally of the case. Hattori teaches a well-known liquid crystal display screen (15) exposed externally of the case (13). Therefore, it would have been obvious to one of ordinary skill in the art at the invention was made to have used the exposed display panel of Hattori to the display panel of Ueda so as to allow a number of people to view the image simultaneously as well as to avoid a number of drawbacks for the small eyepiece type viewfinder such as missing the subject because the operator is unaware of his or her surrounding or the camera could not be physically moved fast enough to catch up with a fast moving object or the like.

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As to claim 4, this claim differs from claim 1 only in that claim 4 is method claim whereas claim 1 is apparatus. This method claim 4 is analyzed as previously discussed with respect to apparatus claim 1 above.

As to claim 2, Ueda teaches that "A color video signal adjusted in white balance is output from the video signal processing unit 25. The color video signal therefrom is corrected (adjusted in white balance) by an RGB decoder 26 and then displayed on the LCD 2 in the form of an image"; see column 4, lines 32-37. This reads on the claimed luminance correction as recited in the claim.

5. Claims 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ueda in view of Hattori as applied to claim 1 above, and further in view of Etoh (U.S. Patent No. 5,729,289).

As to claim 3, note the discussion of Ueda and Hattori above, both Ueda teaches an output circuit, but does not mention it can removably attaches to the liquid crystal display device. Etoh teaches the circuitry disposed on the case (1A) can removably attaches to the liquid crystal display (1B); see column 3, lines 32-37. . Therefore, it would have been obvious to one of ordinary skill in the art at the invention was made to have used removable image pick-device having output circuit from the display panel to the video camera of Ueda as modified by Hattori so that device can be arranged in the carry bag easily.

Inquiries

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chanh Nguyen whose telephone number is (703) 308-6603.

If attempts to reach the examiner by telephone are unsuccessful, the examiner supervisor, Steven Saras can be reached at 305-9720.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121
Crystal Drive, Arlington, VA, Sixth Floor (Receptionist)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

cn
C.Nguyen
July 25, 2002

Chanh Nguyen
CHANH NGUYEN
PRIMARY EXAMINER